

Name: _____

at1110paper_practice_test (v40)

1. Expand the following expression into standard form.

$$(7x + 2)(7x - 2)$$

2. Solve the equation.

$$8x^2 - 18x - 7 = 5x^2 - 4x - 2$$

3. Factor the expression.

$$x^2 + 15x + 56$$

4. Solve the equation.

$$(6x + 7)(9x - 4) = 0$$

5. Expand the following expression into standard form.

$$(9x - 8)(5x + 6)$$

6. Factor the expression.

$$16x^2 - 25$$

7. Solve the equation with factoring by grouping.

$$8x^2 + 6x + 20x + 15 = 0$$

8. Expand the following expression into standard form.

$$(9x - 7)^2$$